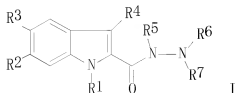


L7 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2003:356418 CAPLUS <<LOGINID::20091230>>
 DOCUMENT NUMBER: 138:368761
 TITLE: Preparation of indole derivatives as inhibitors of human liver glycogen phosphorylase a
 INVENTOR(S): Nakamura, Takeshi; Takagi, Masaki; Ueda, Nobuhisa
 PATENT ASSIGNEE(S): Japan Tobacco Inc., Japan
 SOURCE: PCT Int. Appl., 237 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037864	A1	20030508	WO 2002-JP11234	20021029
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2465382	A1	20030508	CA 2002-2465382	20021029
AU 2002344600	A1	20030512	AU 2002-344600	20021029
JP 2003201279	A	20030718	JP 2002-315100	20021029
EP 1452526	A1	20040901	EP 2002-777995	20021029
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US 20050054696	A1	20050310	US 2004-493853	20041021
PRIORITY APPLN. INFO.:			JP 2001-331501	A 20011029
			WO 2002-JP11234	W 20021029

OTHER SOURCE(S): MARPAT 138:368761
 GRAPHIC IMAGE:



ABSTRACT:

The title compds. I [R1 = H, alkyl, etc.; R2 = H, halo; R3 = halo, alkyl, etc.; R4 = H, alkyl; R5 = H, alkyl, alkoxycarbonyl; R6 = H, alkyl, etc.; R7 = C(X)AB; X = O, etc.; A = NR8, etc.; R8 = H, alkyl, etc.; B = (un)substituted

Ph, etc.] are prepared I are useful in the treatment of diabetes. Comps. of this invention in vitro showed IC50 values of 0.010 μM to $> 0.1 \mu\text{M}$ against human liver glycogen phosphorylase a.

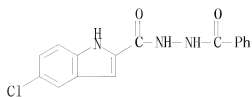
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of indole derivs. as inhibitors of human liver glycogen phosphorylase a)

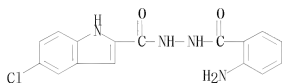
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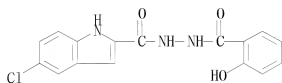
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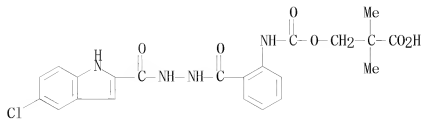
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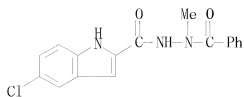
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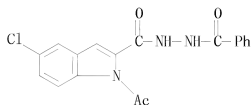
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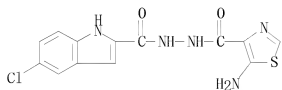
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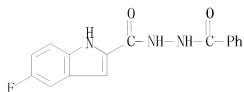
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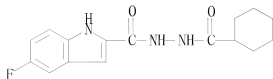
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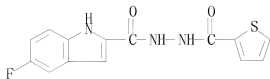


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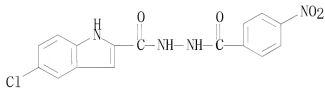
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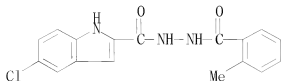
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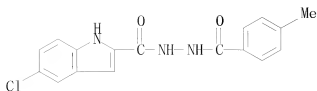
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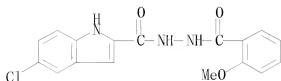
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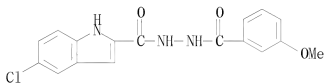
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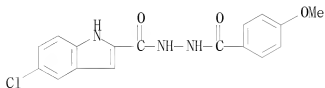
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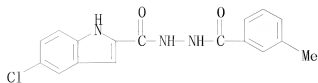
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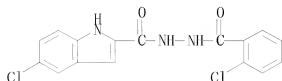
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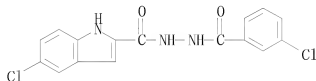
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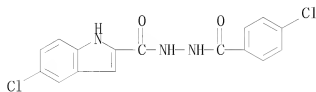
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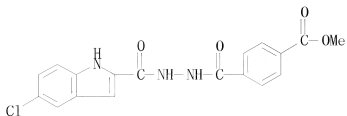
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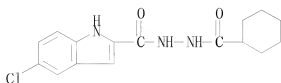
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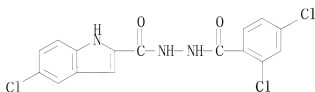
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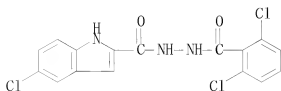
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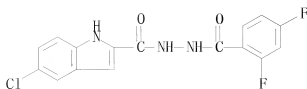
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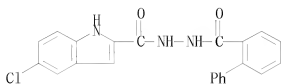
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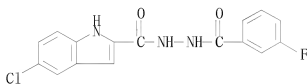
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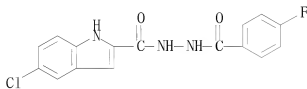
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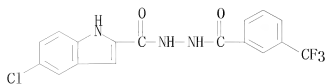
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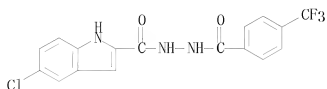
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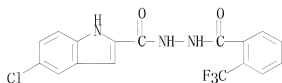
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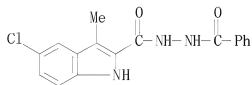
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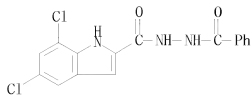
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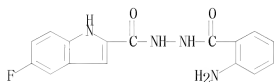


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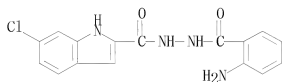
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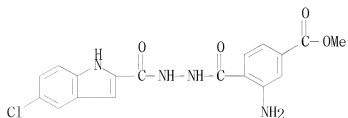
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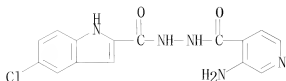
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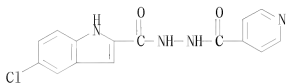


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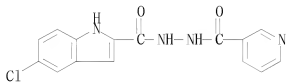
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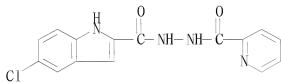
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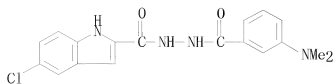
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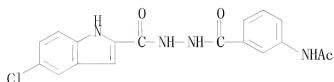
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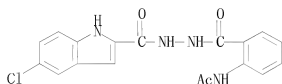
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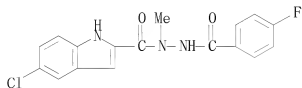
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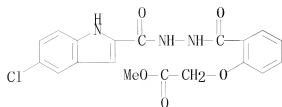
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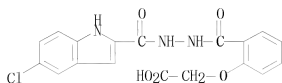
RN 521961-11-5 CAPLUS
 CN 1H-indole-2-carboxylic acid, 5-chloro-,
 2-(4-fluorobenzoyl)-1-methylhydrazide (CA INDEX NAME)



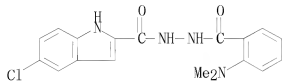
RN 521961-12-6 CAPLUS
 CN 1H-indole-2-carboxylic acid, 5-chloro-,
 2-[2-(2-methoxy-2-oxoethoxy)benzoyl]hydrazide (CA INDEX NAME)



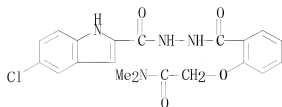
RN 521961-13-7 CAPLUS
 CN 1H-Indole-2-carboxylic acid, 5-chloro-,
 2-[2-(carboxymethoxy)benzoyl]hydrazide (CA INDEX NAME)



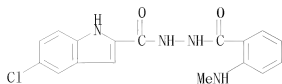
RN 521961-14-8 CAPLUS
 CN 1H-Indole-2-carboxylic acid, 5-chloro-,
 2-[2-(dimethylamino)benzoyl]hydrazide (CA INDEX NAME)



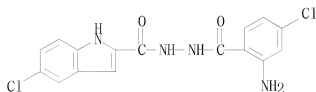
RN 521961-15-9 CAPLUS
 CN 1H-Indole-2-carboxylic acid, 5-chloro-,
 2-[2-[2-(dimethylamino)-2-oxoethoxy]benzoyl]hydrazide (CA INDEX NAME)



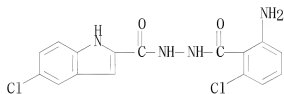
RN 521961-16-0 CAPLUS
 CN 1H-Indole-2-carboxylic acid, 5-chloro-,
 2-[2-(methylamino)benzoyl]hydrazide (CA INDEX NAME)



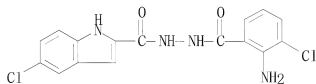
RN 521961-17-1 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4-chlorobenzoyl)hydrazide (CA INDEX NAME)

RN 521961-18-2 CAPLUS

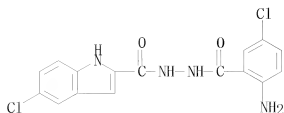
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-6-chlorobenzoyl)hydrazide (CA INDEX NAME)

RN 521961-19-3 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-3-chlorobenzoyl)hydrazide (CA INDEX NAME)

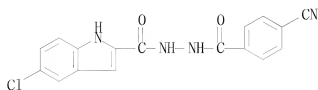
RN 521961-20-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-5-chlorobenzoyl)hydrazide (CA INDEX NAME)



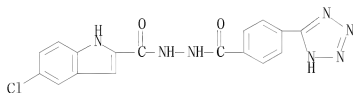
RN 521961-21-7 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(4-cyanobenzoyl)hydrazide (CA INDEX NAME)



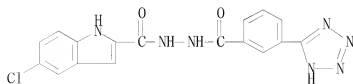
RN 521961-22-8 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-[4-(2H-tetrazol-5-yl)benzoyl]hydrazide (CA INDEX NAME)



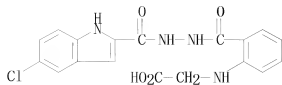
RN 521961-23-9 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-[3-(2H-tetrazol-5-yl)benzoyl]hydrazide (CA INDEX NAME)

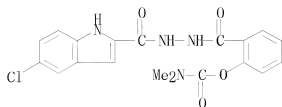


RN 521961-24-0 CAPLUS

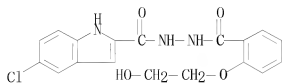
CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-[2-[(carboxymethyl)amino]benzoyl]hydrazide (CA INDEX NAME)



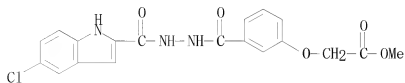
RN 521961-28-4 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-[[dimethylamino]carbonyl]oxy]benzoyl]hydrazide (CA INDEX NAME)

RN 521961-31-9 CAPLUS

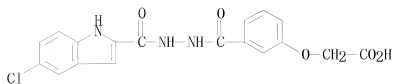
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-(2-hydroxyethoxy)benzoyl]hydrazide (CA INDEX NAME)

RN 521961-32-0 CAPLUS

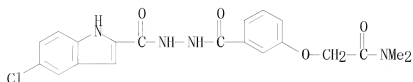
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[3-(2-methoxy-2-oxoethoxy)benzoyl]hydrazide (CA INDEX NAME)

RN 521961-33-1 CAPLUS

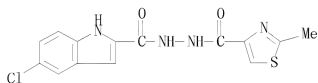
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[3-(carboxymethoxy)benzoyl]hydrazide (CA INDEX NAME)



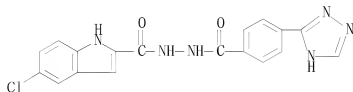
RN 521961-34-2 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[3-[2-(dimethylamino)-2-oxoethoxy]benzoyl]hydrazide (CA INDEX NAME)



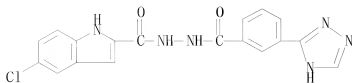
RN 521961-35-3 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-methyl-4-thiazolyl]carbonyl]hydrazide (CA INDEX NAME)



RN 521961-36-4 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[4-(1H-1,2,4-triazol-5-yl)benzoyl]hydrazide (CA INDEX NAME)

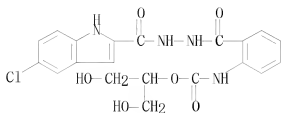


RN 521961-37-5 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[3-(1H-1,2,4-triazol-5-yl)benzoyl]hydrazide (CA INDEX NAME)



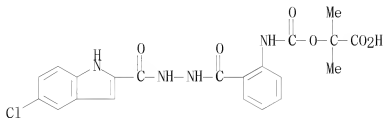
RN 521961-38-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[[2-[[2-hydroxy-1-(hydroxymethyl)ethoxy]carbonyl]amino]benzoyl]hydrazide
(CA INDEX NAME)



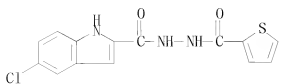
RN 521961-39-7 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-[[1-carboxy-1-methylethoxy]carbonyl]amino]benzoyl]hydrazide (CA
INDEX NAME)



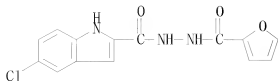
RN 521961-40-0 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(2-thienylcarbonyl)hydrazide
(CA INDEX NAME)

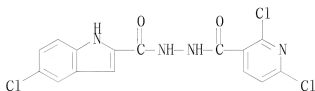


RN 521961-41-1 CAPLUS

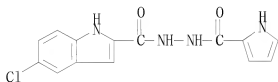
CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(2-furanylcarbonyl)hydrazide
(CA INDEX NAME)



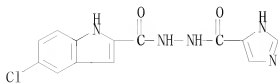
RN 521961-42-2 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(2,6-dichloro-3-pyridinyl)carbonyl]hydrazide (CA INDEX NAME)



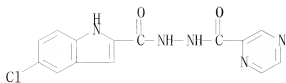
RN 521961-43-3 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(1H-pyrrol-2-ylcarbonyl)hydrazide (CA INDEX NAME)



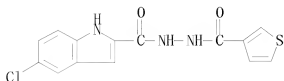
RN 521961-44-4 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(1H-imidazol-5-ylcarbonyl)hydrazide (CA INDEX NAME)



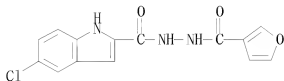
RN 521961-45-5 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(2-pyrazinylcarbonyl)hydrazide
(CA INDEX NAME)



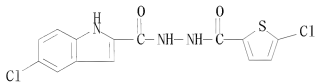
RN 521961-46-6 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(3-thienylcarbonyl)hydrazide
(CA INDEX NAME)



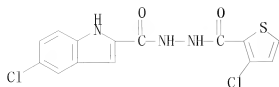
RN 521961-47-7 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(3-furanylcarbonyl)hydrazide
(CA INDEX NAME)



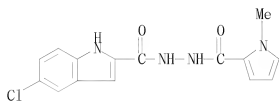
RN 521961-48-8 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(5-chloro-2-thienyl)carbonyl]hydrazide (CA INDEX NAME)



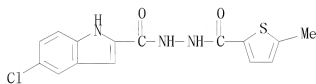
RN 521961-49-9 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(3-chloro-2-thienyl)carbonyl]hydrazide (CA INDEX NAME)



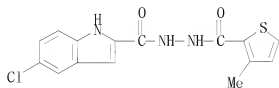
RN 521961-50-2 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(1-methyl-1H-pyrrol-2-yl)carbonyl]hydrazide (CA INDEX NAME)

RN 521961-51-3 CAPLUS

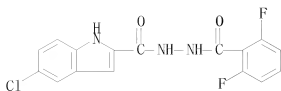
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(5-methyl-2-thienyl)carbonyl]hydrazide (CA INDEX NAME)

RN 521961-52-4 CAPLUS

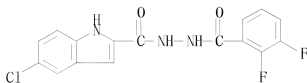
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(3-methyl-2-thienyl)carbonyl]hydrazide (CA INDEX NAME)

RN 521961-53-5 CAPLUS

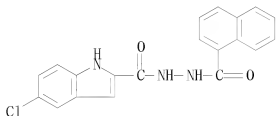
CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(2,6-difluorobenzoyl)hydrazide
(CA INDEX NAME)



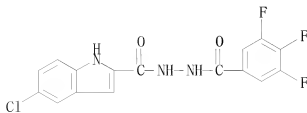
RN 521961-54-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(2,3-difluorobenzoyl)hydrazide
(CA INDEX NAME)

RN 521961-55-7 CAPLUS

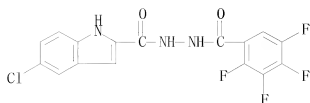
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(1-naphthalenylcarbonyl)hydrazide (CA INDEX NAME)

RN 521961-56-8 CAPLUS

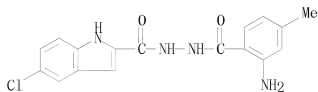
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(3,4,5-trifluorobenzoyl)hydrazide (CA INDEX NAME)

RN 521961-57-9 CAPLUS

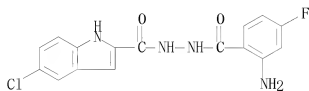
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2,3,4,5-tetrafluorobenzoyl)hydrazide (CA INDEX NAME)



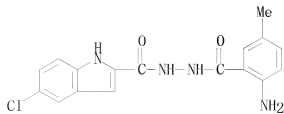
RN 521961-58-0 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4-methylbenzoyl)hydrazide (CA INDEX NAME)

RN 521961-59-1 CAPLUS

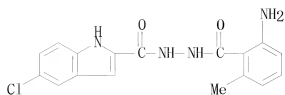
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4-fluorobenzoyl)hydrazide (CA INDEX NAME)

RN 521961-60-4 CAPLUS

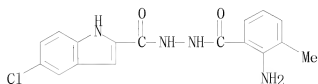
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-5-methylbenzoyl)hydrazide (CA INDEX NAME)

RN 521961-61-5 CAPLUS

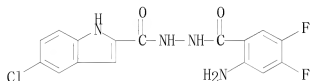
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-6-methylbenzoyl)hydrazide (CA INDEX NAME)



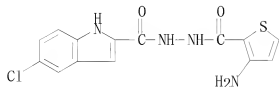
RN 521961-62-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-3-methylbenzoyl)hydrazide (CA INDEX NAME)

RN 521961-63-7 CAPLUS

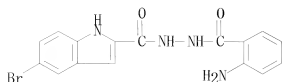
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4,5-difluorobenzoyl)hydrazide (CA INDEX NAME)

RN 521961-64-8 CAPLUS

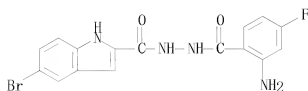
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(3-amino-2-thienyl)carbonyl]hydrazide (CA INDEX NAME)

RN 521961-65-9 CAPLUS

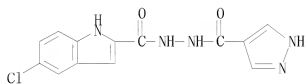
CN 1H-Indole-2-carboxylic acid, 5-bromo-, 2-(2-aminobenzoyl)hydrazide (CA
INDEX NAME)



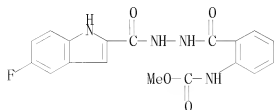
RN 521961-66-0 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-bromo-,
2-(2-amino-4-fluorobenzoyl)hydrazide (CA INDEX NAME)

RN 521961-67-1 CAPLUS

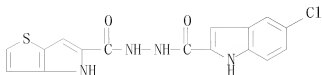
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(1H-pyrazol-4-ylcarbonyl)hydrazide (CA INDEX NAME)

RN 521961-68-2 CAPLUS

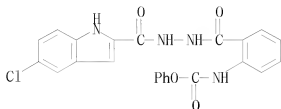
CN 1H-Indole-2-carboxylic acid, 5-fluoro-,
2-[2-[(methoxycarbonyl)amino]benzoyl]hydrazide (CA INDEX NAME)

RN 521961-70-6 CAPLUS

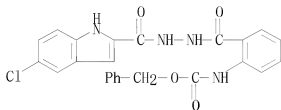
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(4H-thieno[3,2-b]pyrrol-5-ylcarbonyl)hydrazide (CA INDEX NAME)



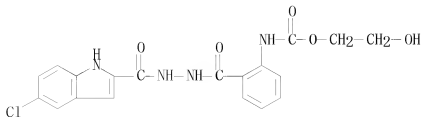
RN 521961-71-7 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-[(phenoxycarbonyl)amino]benzoyl]hydrazide (CA INDEX NAME)

RN 521961-72-8 CAPLUS

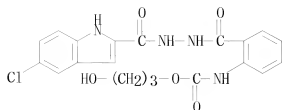
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-[(phenylmethoxy)carbonyl]amino]benzoyl]hydrazide (CA INDEX NAME)

RN 521961-73-9 CAPLUS

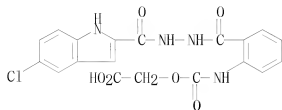
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-[(2-hydroxyethoxy)carbonyl]amino]benzoyl]hydrazide (CA INDEX NAME)

RN 521961-74-0 CAPLUS

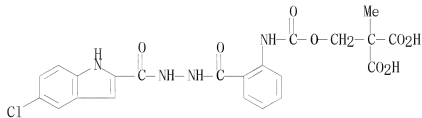
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-[(3-hydroxypropoxy)carbonyl]amino]benzoyl]hydrazide (CA INDEX NAME)



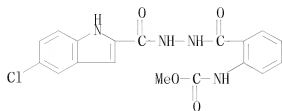
RN 521961-75-1 CAPLUS

CN 1H-indole-2-carboxylic acid, 5-chloro-,
2-[2-[(carboxymethoxy)carbonyl]amino]benzoyl]hydrazide (CA INDEX NAME)

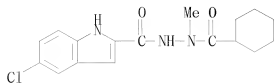
RN 521961-76-2 CAPLUS

CN Propanedioic acid, 2-[[[2-[[[2-[(5-chloro-1H-indol-2-yl)carbonyl]hydrazinyl]carbonyl]phenyl]amino]carbonyl]oxy]methyl]-2-methyl-
(CA INDEX NAME)

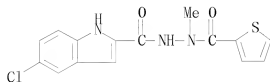
RN 521961-77-3 CAPLUS

CN 1H-indole-2-carboxylic acid, 5-chloro-,
2-[2-[(methoxycarbonyl)amino]benzoyl]hydrazide (CA INDEX NAME)

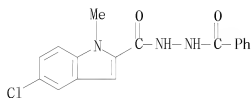
RN 521961-78-4 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(cyclohexylcarbonyl)-2-methylhydrazide (CA INDEX NAME)



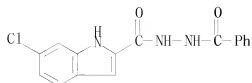
RN 521961-79-5 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-methyl-2-(2-thienylcarbonyl)hydrazide (CA INDEX NAME)



RN 521961-80-8 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-1-methyl-, 2-benzoylhydrazide (CA
INDEX NAME)

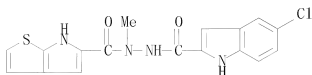


RN 521961-85-3 CAPLUS
CN 1H-Indole-2-carboxylic acid, 6-chloro-, 2-benzoylhydrazide (CA INDEX
NAME)



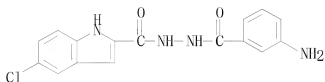
RN 521961-86-4 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,

2-methyl-2-(6H-thieno[2, 3-b]pyrrol-5-ylcarbonyl)hydrazide (CA INDEX NAME)



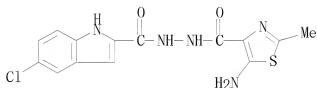
RN 521962-01-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-(3-aminobenzoyl)hydrazide (CA INDEX NAME)



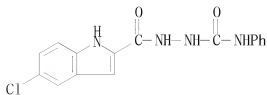
RN 521962-02-7 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-[(5-amino-2-methyl-4-thiazolyl)carbonyl]hydrazide (CA INDEX NAME)



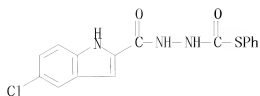
RN 521962-70-9 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-[(phenylamino)carbonyl]hydrazide (CA INDEX NAME)



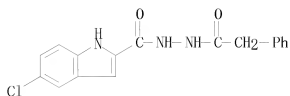
RN 521962-71-0 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-, 2-[(phenylthio)carbonyl]hydrazide (CA INDEX NAME)



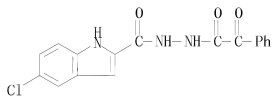
RN 521962-72-1 CAPLUS

CN 1H-indole-2-carboxylic acid, 5-chloro-, 2-(2-phenylacetyl)hydrazide (CA INDEX NAME)



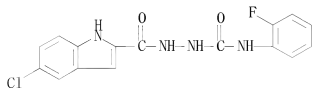
RN 521962-73-2 CAPLUS

CN 1H-indole-2-carboxylic acid, 5-chloro-, 2-(2-oxo-2-phenylacetyl)hydrazide (CA INDEX NAME)



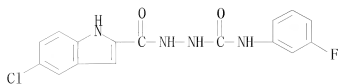
RN 521962-74-3 CAPLUS

CN 1H-indole-2-carboxylic acid, 5-chloro-, 2-[(2-fluorophenyl)amino]carbonylhydrazide (CA INDEX NAME)

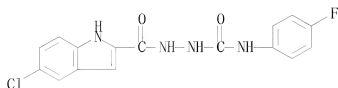


RN 521962-75-4 CAPLUS

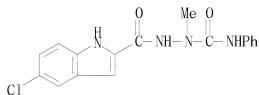
CN 1H-indole-2-carboxylic acid, 5-chloro-, 2-[(3-fluorophenyl)amino]carbonylhydrazide (CA INDEX NAME)



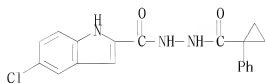
RN 521962-76-5 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(4-fluorophenyl)amino]carbonyl]hydrazide (CA INDEX NAME)



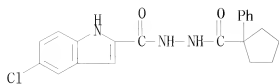
RN 521962-77-6 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-methyl-2-[(phenylamino)carbonyl]hydrazide (CA INDEX NAME)



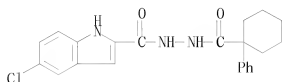
RN 521962-78-7 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(1-phenylcyclopropyl)carbonyl]hydrazide (CA INDEX NAME)



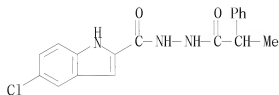
RN 521962-79-8 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(1-phenylcyclopentyl)carbonyl]hydrazide (CA INDEX NAME)



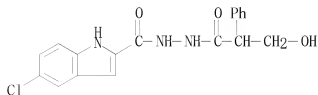
RN 521962-80-1 CAPLUS
CN 1H-indole-2-carboxylic acid, 5-chloro-,
2-[(1-phenylcyclohexyl)carbonyl]hydrazide (CA INDEX NAME)



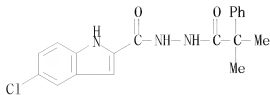
RN 521962-81-2 CAPLUS
CN 1H-indole-2-carboxylic acid, 5-chloro-, 2-(1-oxo-2-phenylpropyl)hydrazide
(CA INDEX NAME)



RN 521962-82-3 CAPLUS
CN 1H-indole-2-carboxylic acid, 5-chloro-,
2-(3-hydroxy-1-oxo-2-phenylpropyl)hydrazide (CA INDEX NAME)



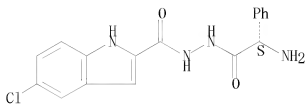
RN 521962-83-4 CAPLUS
CN 1H-indole-2-carboxylic acid, 5-chloro-,
2-(2-methyl-1-oxo-2-phenylpropyl)hydrazide (CA INDEX NAME)



RN 521962-84-5 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(2S)-aminophenylacetyl]hydrazide (9CI) (CA INDEX NAME)

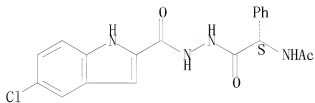
Absolute stereochemistry.



RN 521962-85-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(2S)-(acetylamino)phenylacetyl]hydrazide (9CI) (CA INDEX NAME)

Absolute stereochemistry.



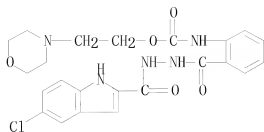
RN 521962-87-8 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[[[2-[[[2-(4-morpholinyl)ethoxy]carbonyl]amino]benzoyl]hydrazide,
mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

CM 1

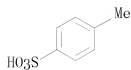
CRN 521962-86-7

CMF C23 H24 Cl N5 O5



CM 2

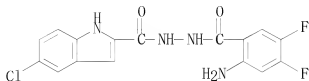
CRN 104-15-4
CMF C7 H8 O3 S



RN 521962-89-0 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4,5-difluorobenzoyl)hydrazide, benzenesulfonate (1:1) (CA
INDEX NAME)

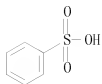
CM 1

CRN 521961-63-7
CMF C16 H11 Cl F2 N4 O2



CM 2

CRN 98-11-3
CMF C6 H6 O3 S

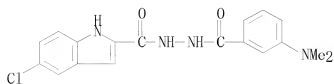


RN 521962-90-3 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[3-(dimethylamino)benzoyl]hydrazide, methanesulfonate (1:1) (CA INDEX
NAME)

CM 1

CRN 521961-07-9

CMF C18 H17 Cl N4 O2



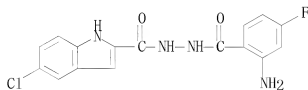
CM 2

CRN 75-75-2

CMF C H4 O3 S



RN 521962-91-4 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4-fluorobenzoyl)hydrazide, hydrochloride (1:1) (CA INDEX NAME)



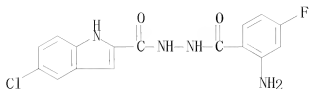
● HCl

RN 521962-92-5 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4-fluorobenzoyl)hydrazide, mono(4-methylbenzenesulfonate) (9Cl)
(CA INDEX NAME)

CM 1

CRN 521961-59-1

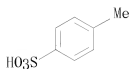
CMF C16 H12 Cl F N4 O2



CM 2

CRN 104-15-4

CMF C7 H8 O3 S



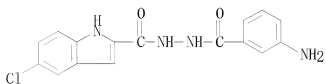
RN 521962-96-9 CAPLUS

CN 1H-indole-2-carboxylic acid, 5-chloro-, 2-(3-aminobenzoyl)hydrazide,
mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

CM 1

CRN 521962-01-6

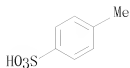
CMF C16 H13 Cl N4 O2



CM 2

CRN 104-15-4

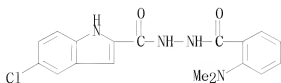
CMF C7 H8 O3 S



RN 521963-18-8 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-(dimethylamino)benzoyl]hydrazide, mono(4-methylbenzenesulfonate)
(9CI) (CA INDEX NAME)

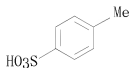
CM 1

CRN 521961-14-8
CMF C18 H17 Cl N4 O2



CM 2

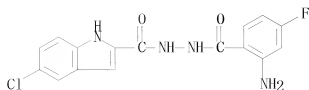
CRN 104-15-4
CMF C7 H8 O3 S



RN 521963-19-9 CAPLUS
CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-(2-amino-4-fluorobenzoyl)hydrazide, methanesulfonate (1:1) (CA INDEX
NAME)

CM 1

CRN 521961-59-1
CMF C16 H12 Cl F N4 O2



CM 2

CRN 75-75-2

CMF C H4 03 S



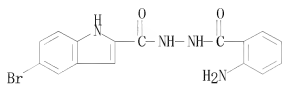
RN 521963-20-2 CAPLUS

CN 1H-indole-2-carboxylic acid, 5-bromo-, 2-(2-aminobenzoyl)hydrazide,
methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 521961-65-9

CMF C16 H13 Br N4 02



CM 2

CRN 75-75-2

CMF C H4 03 S

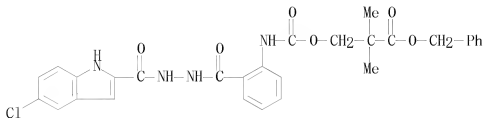


IT 521963-24-6P 521963-27-9P 521963-28-0P521963-29-1P

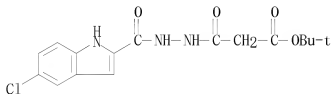
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of indole derivs. as inhibitors of human liver glycogen phosphorylase a)

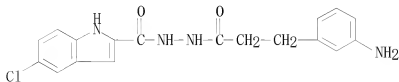
RN 521963-24-6 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[2-[[[2, 2-dimethyl-3-oxo-3-(phenylmethoxy)propoxy]carbonyl]amino]benzoyl]hydrazide (CA INDEX NAME)

RN 521963-27-9 CAPLUS

CN Propanedioic acid, 1-(1,1-dimethylethyl) ester,
3-[2-[(5-chloro-1H-indol-2-yl)carbonyl]hydrazide] (CA INDEX NAME)

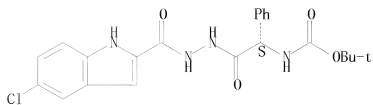
RN 521963-28-0 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[3-(3-aminophenyl)-1-oxopropyl]hydrazide (CA INDEX NAME)

RN 521963-29-1 CAPLUS

CN 1H-Indole-2-carboxylic acid, 5-chloro-,
2-[(2S)-[[[1,1-dimethylethoxy]carbonyl]amino]phenylacetyl]hydrazide (9C1)
(CA INDEX NAME)

Absolute stereochemistry.



OS. CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS
RECORD (18 CITINGS)
REFERENCE COUNT: 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT